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PTO/SB/21 (08-03) Approved for use through 08/30/2003. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 10/656.348 **TRANSMITTAL** Filing Date 09/05/2003 **FORM** First Named Inventor Yukiko Kubota Art Unit 1775 (to be used for all correspondence after initial filing) **Examiner Name** Attorney Docket Number SEAG 61977 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication Fee Transmittal Form Drawing(s) to Technology Center (TC) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief)

	Express / Supple Information Certified Document Response Incomplet	fter Final ffidavits/declaration(s) n of Time Request Abandonment Request Emental on Disclosure Statement Copy of Priority att(s) to Missing Parts/ te Application esponse to Missing Parts nder 37 CFR 1.52 or 1.53	Pro Pro Ch	tition to Convert to a bovisional Application wer of Attorney, Revocatic ange of Correspondence of the control	Address	Proprietary Information Status Letter Other Enclosure(s) (please Identify below): - PTO/SB/08A Form - PTO/SB/08B Form - 4 References - Copy of International Search Report - Return Postcard	
		SIGNA	TURE OF	APPLICANT, ATTO	RNEY, OR	AGENT	
Firm or Individual name		Benjamin T. Queen, II Pietragallo, Bosick & Gord	don				
Signat	ure				······		
Date		07/29/2004					
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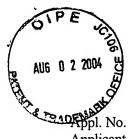
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/656,348 Yukiko Kubota Confirmation No. 7814

Applicant Filed

Title

09/05/2003 DUAL SEED LAYER FOR RECORDING MEDIA

1775

TC/A.U. Examiner

Docket No.

SEAG 61977

Customer No.

35810

N/A

July 29, 2004

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the provisions of 37 CFR Sections 1.56, 1.97 and 1.98, Applicant submits herewith copies of the references (other than U.S. Patents and Published Applications) cited on the attached Forms PTO/SB/08A and PTO/SB/08B for consideration during prosecution of this application.

This Statement is filed solely for the purpose of complying with the pertinent rules of the Office and is not intended to be a substitute for an independent evaluation by the Examiner of the art cited or an independent search by the Examiner, and no representation of any nature is made or intended by the filing of this Statement.

Each item contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

A copy of the International Search Report is enclosed.

Respectfully submitted

Benjamin T. Queen, II Registration No. 41,260

Pietragallo, Bosick & Gordon One Oxford Centre, 38th Floor

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Pittsburgh, PA 15219 Attorney for Applicant(s)

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Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Col	Complete if Known		
Application Number	10/656,348	·····	
Filing Date	09/05/2003		
First Named Inventor	Yukiko Kubota	·	
Art Unit	1775		
Examiner Name	N/A		
Attorney Docket Number	SEAG 61977		

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Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear	
		^{US-} 6,248,416 B1	06-19-2001	Lambeth et al.		
		^{US-} 2002/0058159 A1	05-16-2002	Kubota et al.		
		^{US-} 2002/0058161 A1	05-16-2002	Yamamoto et al.		
		^{US-} 2002/0122959 A1	09-05-2002	Matsunuma et al.		
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		FOREI	GN PATENT DOCU	JMENTS		
Examiner Initials*	Cite No.¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	9
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	
		EP 1096478 A2	05-02-2001	IBM		
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Examiner	Date	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE					Complete if Known			
					Application Number 10/656,34			
	STA	FEME	NT :	BY APPLICANT	Filing Date	ate 09/05/2003		
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		Using 1	Ultrat	WAR ET AL., "High-Performance Co/Pt thin Seed Layers", <i>Journal Of Applied Ph</i> 1. 81, No. 8, pp. 3839-3841, April 15, 19	ysics, American Institute			
		P. JANG ET AL., "Role Of Ag Seed Layer For CoCrPt/Ti Perpendicular Recording Media", Journal Of Applied Physics, American Institute of Physics, Vol. 93, No. 10, pp. 7741-7743, May 15, 2003						
		Perpen	dicula	L., "Effects And Microstructures Of Indiar Magnetic Recording Media", <i>Journal of Physics</i> , Vol. 93, No. 10, pp. 7849-7851,	Of Applied Physics, Amer			
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Examiner

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